K 81/991

SOUTH

KODIAK

SECTIONAL AERONAUTICAL CHART

SCALE 1:500,000

Lambert Conformal Conic Projection Standard Parallels 57°20' and 62°40'
Horizontal Datum: North American Datum of 1927
Topographic data corrected to December 1990

31 ST EDITION March 7, 1991

Includes airspace amendments effective February 7, 1991 and all other aeronautical data received by January 10, 1991. Consult appropriate NOTAMs and Flight Information Publications for supplemental data and current information.

This chart will become OBSOLETE FOR USE IN NAVIGATION upon publication of the next edition scheduled for MARCH 5, 1992

PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE SPECIFICATIONS AND AGREEMENTS APPROVED BY THE DEPARTMENT OF DEFENSE • FEDERAL AVIATION ADMINISTRATION • DEPARTMENT OF COMMERCE

NORTH

SOUTH

KODIAK

LEGEND

Airports having Control Towers (Airport Traffic Areas) are shown in Blue, all others in Magenta. Consult Alaska Supplement for detail involving airport lighting, navigation aids, and services. For additional symbol information refer to the Chart User's Guide.

AIRPORTS

Other than hard-surfaced runways. Seaplane Base.

Hard-surfaced runways 1500 ft. to 8000 ft. in length.

Hard surfaced runways greater than 8000 ft.

All recognizable hard-surfaced runways, including those closed, are shown for visual identification.

ADDITIONAL AIRPORT INFORMATION

Private (Pvt) - Non-public use having emergency or landmark value.

Military - Other than hard-surfaced. All military airports are identified by abbreviations AFB, NAS, AAF, etc.

Helipad - Selected. Unverified. Abandoned - plowed - having landmark value. Ultralight Flight Park Selected.

Services - fuel available and field tended during normal working hours depicted by one of nine ground base airport symbols. Consult Alaska Supplement for service availability of airports with hard-surfaced runways greater than 8000 ft.

Rotating light in operation Sunset to Sunrise.

AIRPORT DATA

Indicates Flight Service Station (FSS) or Airport Traffic Area (See FAR 93).

Box indicates Special — NAME CT 118.3 ATIS 123.8 285 122.95 — UNICOM VAR Advsry 125.0 Associated FSS

FSS - Flight Service Station. RFSS - Remote Flight Service Station.
CT - 118.3 - Control Tower Primary frequency.
— Dash indicates operation part time. See Tower Frequencies.
Rotation - Non-Tower IFR operations.
Indicates Common Traffic Advisory Frequencies (CTAF).
ATIS 123.8 - Automatic Terminal Information Service.
UNICOM - Aeronautical advisory station.
VFR Advsry - VFR Advisory Service shown where ATIS not available and frequency is other than primary CT frequency.
285 - Elevation in feet.
L - Lighting in operation Sunset to Sunrise.
L - Lighting available on request; pilot-controlled lighting.
72 - Length of longest runway in hundreds of feet; usable length may be less.

When facility or information is lacking, the respective character is replaced by a dash. All lighting codes refer to runway lights. Lighted runway may not be the longest or lighted full length. All times are local.

NFCT - Non-Federal Control Tower.

RADIO AIDS TO NAVIGATION AND COMMUNICATION BOXES

VHF OMNI RANGE (VOR)
VORTAC
VOR-DME
Non-Directional Radiobeacon
Marine Radiobeacon
Other facilities, i.e. Commercial Broadcast Stations, FSS Outlets, ARCO, etc.

122.1R
CHICAGO CHI

Heavy line indicates Flight Service Station (FSS). Freqs. 121.5, 122.2, 243.0 and 255.4 are normally available at all FSSs and are not shown above boxes. All other freqs. are shown.

Underline indicates no voice on this freq.

Source indicates TWEB, AWOS or HIWAS available at this NAVAID.

R - receive only.

For Airport Advisory Service see FSS freq. 123.6.

In Canada all available FSS and RFSS frequencies are shown.

Frequencies above thin line are assigned to NAVAID on. Other freqs. at controlling FSS may be available (except for altitude and terrain obstructions). Consult Alaska Supplement for complete information.

AIRPORT TRAFFIC SERVICE AND AIRSPACE INFORMATION

Only the controlled and non-obstruction airspace below 18,000 ft MSL are shown on this chart. All times are local.

CZ - Extends upwards from the surface.
CZ within which Fixed-wing special VFR flight is prohibited.
Class C or T-CZ Corridor.

TA - Transition Area.

The limits of controlled airspace are shown by tint bands. Vignette and are color-coded in blue and magenta.

From 700 feet above surface.
From 1200 feet above surface.
2000 / 2000 MSL
Floors either from 700 feet or 1200 feet above surface.
Prohibited, Restricted, Warning and Alert Areas.
MOA - Military Operations Area.
Special Airport Traffic Areas.

Special Air Traffic Rules. See F.A.R. Part 93 for details.
NAME (Magenta, Blue or Black) Visual Check Point.
Parachute Jumping Area (See Alas. Supp. for details).

Low Altitude Federal Airways are indicated by center line.
V 3 270°
Intersection - Arrows are directed towards facilities which establish intersection.

TCA - Terminal Control Area (Class B).
Mode C (See F.A.R. 91.215(d)(4)).
ARSA - Airport Radar Service Area (Mode C. See F.A.R. 91.215(d)(3)).
TRSA - Terminal Radar Service Area.
National Security Area.
MTR - Military Training Routes.
IR21

OBSTRUCTIONS

1000 ft and higher AGS
below 1000 ft AGS
Group Obstruction
2049 — Elevation of the top, above mean sea level.
UC — Height above ground, under construction or reported, position and elevation unverified.

NOTICE: Guy wires may extend outward from depiction.

MISCELLANEOUS

Ultralight Activity
Other Operation
Flashing Light
Hang Gliding Activity
Airborne Light

TOPOGRAPHIC INFORMATION

Roads
Road Markers
Railroad
Bridges And Viaducts
Power Transmission Lines
Aerial Cable
Lookout Tower (Site Number: 618 (Resultan Base Of Tower))
CG Coast Guard Station
Race Track
Tank-water, oil or gas
Oil Well
Water Well
Mines And Quarries
Mountain Pass
11823 Elevation of Pass
Outdoor Theater
Rocks
Shipwreck
Pier
Non-Perennial Lake
Dams

CONTOUR INTERVAL 1000 feet
Intermediate contours shown at 500 feet
Auxiliary contours shown at 250 foot interval

1000 — 500 — 250

HIGHEST TERRAIN elevation is 10016 feet located at 60°02'N - 153°05'W

Critical elevation ---------- 4254
Approximate elevation ---------- x3700
Doubtful locations are indicated by omission of the point locator (dot or "x")

10016
GLACIER
9000
7000
5000
3000
2000
1000
Sea Level

MILITARY TRAINING ROUTES (MTRs)

All IR and VR MTRs are shown, and may extend from the surface upwards. Only the route centerline, direction of flight along the route and the route designator are depicted — route widths and altitudes are not shown.

Since these routes are subject to change every 56 days, and the charts are reissued every 6 to 12 months, you are cautioned and advised to contact the nearest FSS for route dimensions and current status for those routes affecting your flight.

Routes with a change in the alignment will be indicated in the Associated Data Section of the Supplement Alaska.

Military Pilots refer to Area Planning AP/1B Military Training Route North and South America for current routes.

CONVERSION OF ELEVATIONS

FEET (Thousands) 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
METERS (Thousands) 0 1 2 3 4 5 6 7 8 9

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National Oceanic and Atmospheric Administration
National Ocean Service

C 55.416/10:

NOTICE
WILDLIFE SENSITIVE ZONE
Pilots are requested to avoid flight below 2,000' AGS from April 1 through Oct 31 due to heavy concentrations of migratory water fowl, sea birds and marine mammals.

ALASKA MARITIME NATIONAL WILDLIFE REFUGE INCLUDES OFFSHORE PUBLIC LANDS ON ISLANDS, ISLETS, ROCKS, REEFS, AND SPIRES AS SPECIFIED IN THE ALASKA NATIONAL INTEREST LANDS CONSERVATION ACT.

TOGIAK NATIONAL WILDLIFE REFUGE — Except in the event of emergency the landing of aircraft is restricted to lakes, streams and other bodies of water on the refuge and adjacent established village airstrips which are available.

STATE GAME SANCTUARY
Landing on or flight within one-half mile of Round Island PROHIBITED

NAKNEK 1 MOA

NORTON SOUND CONTROL AREA

LIMITS OF PACK ICE FOR APRIL

CONTROL AREA 1234

14,500 MSL

2000 MSL

6000 MSL

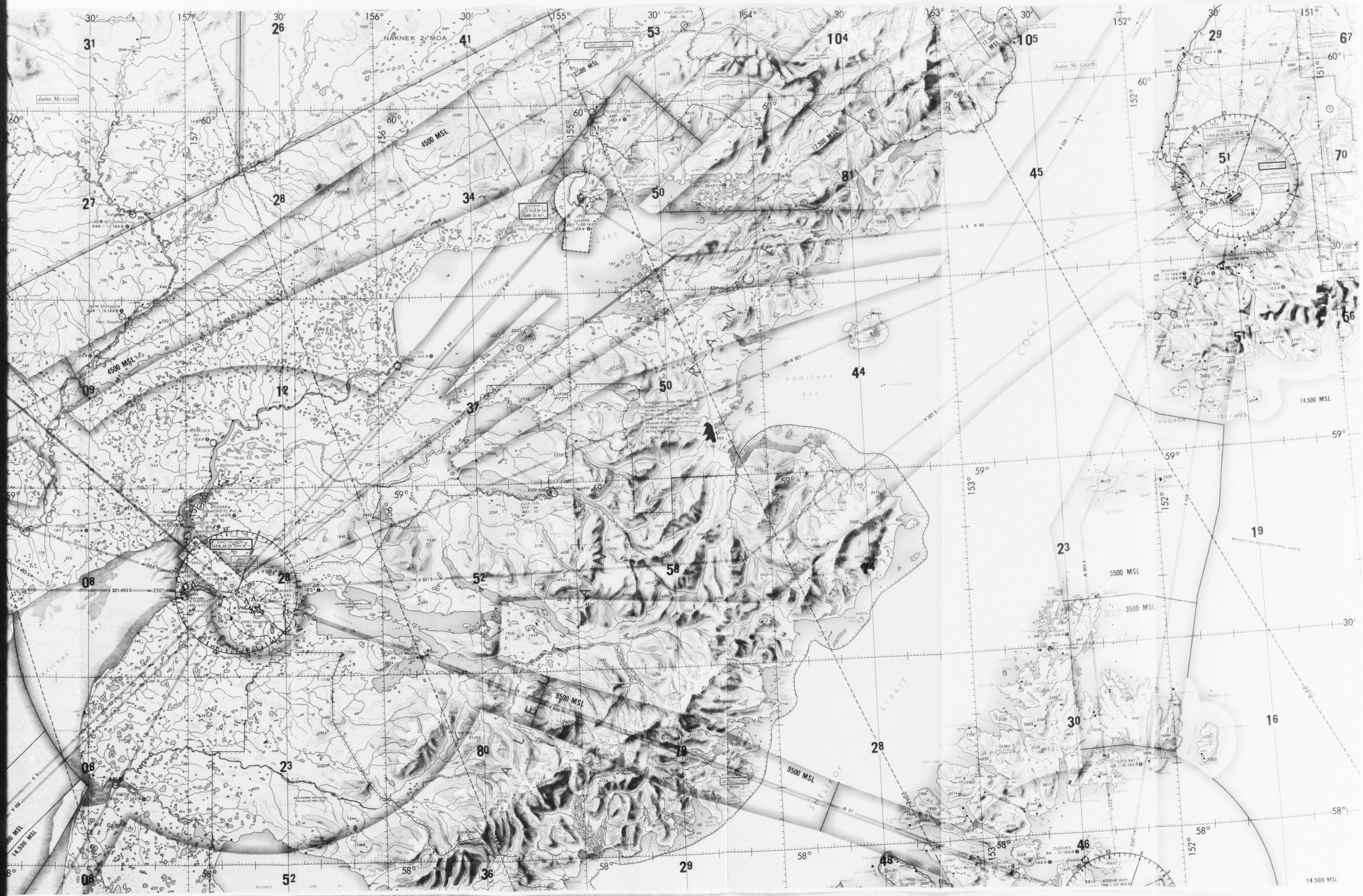
7000 MSL

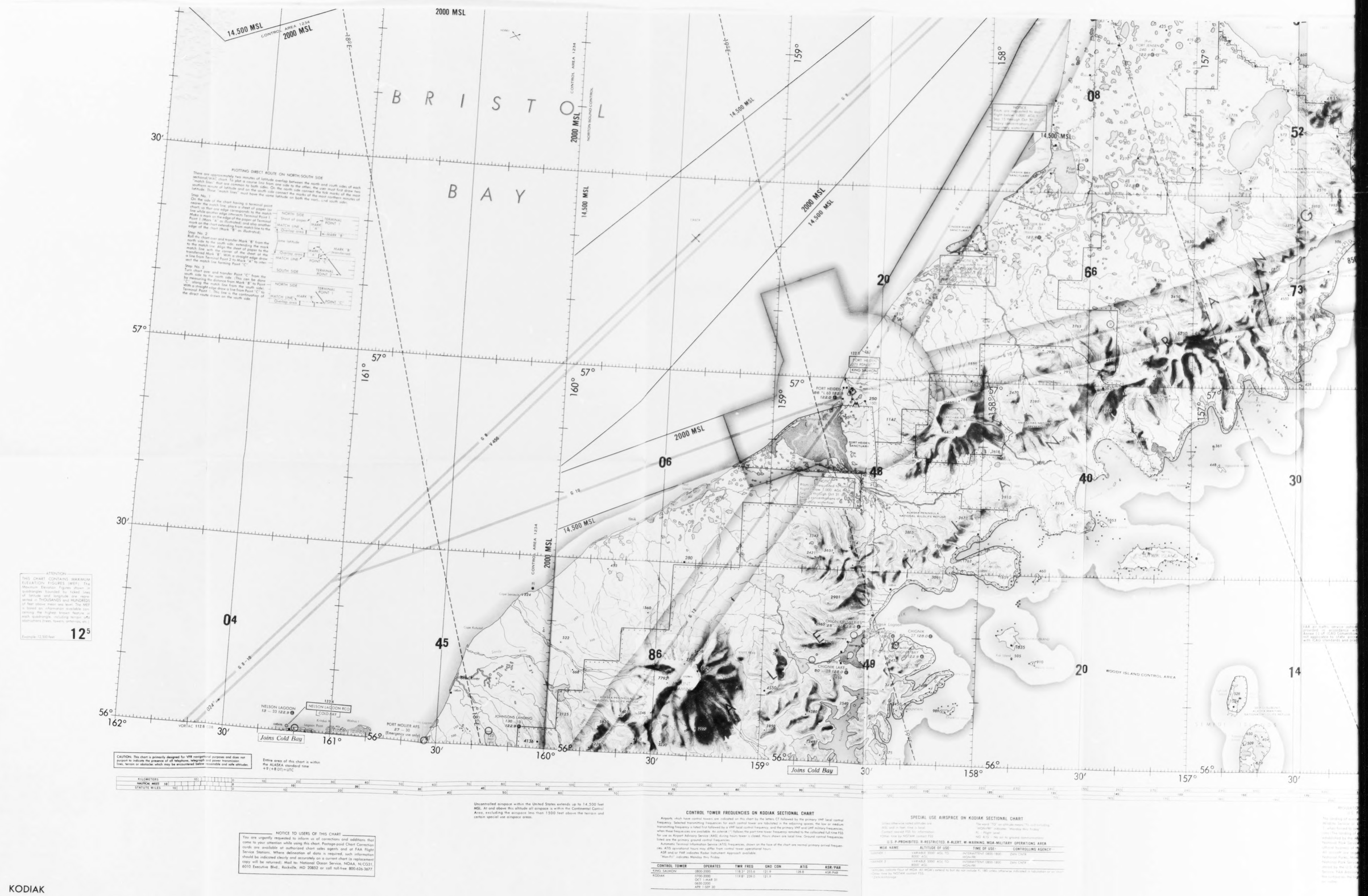
4500 MSL

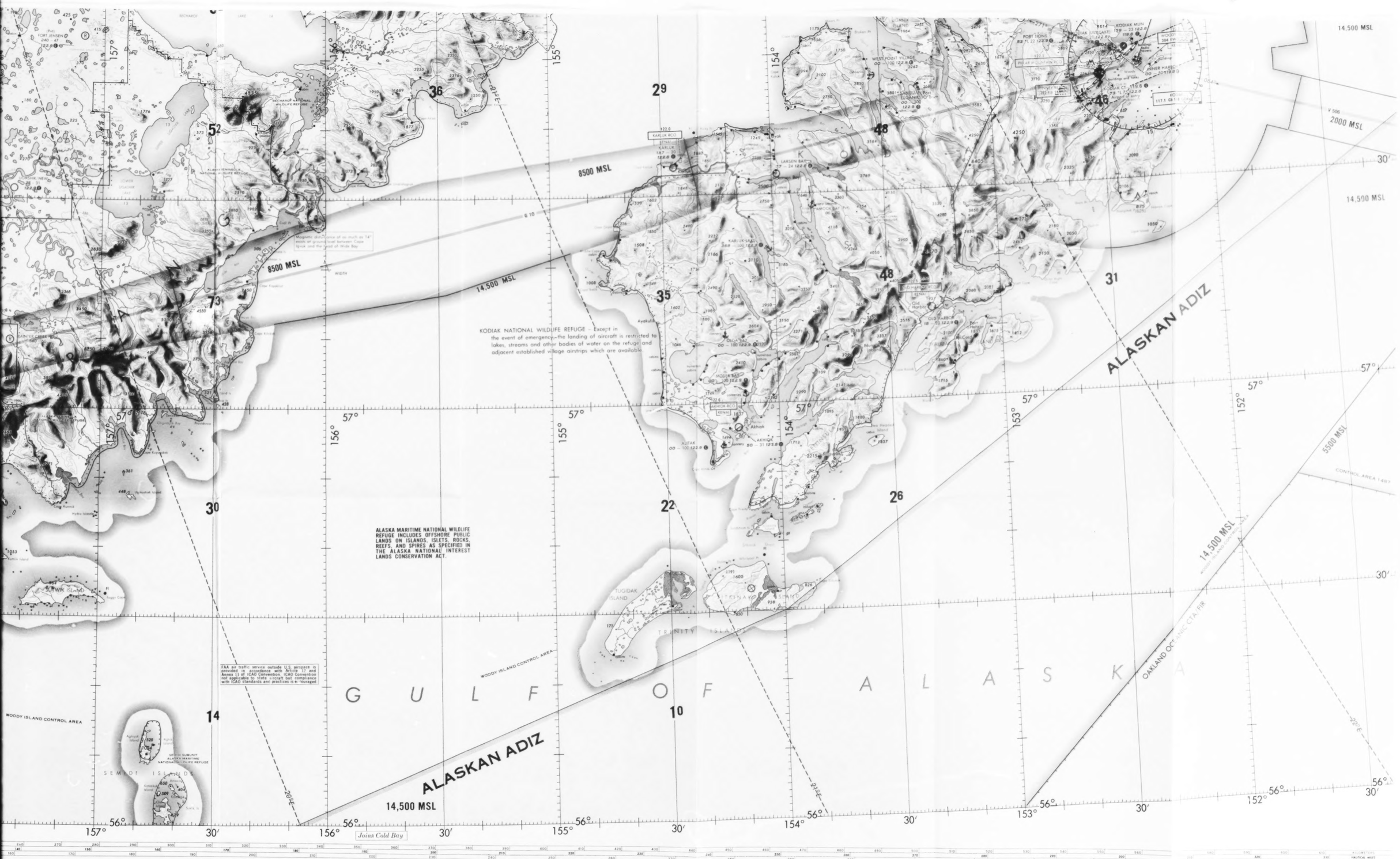
14,500 MSL

2000 MSL

14,500 MSL


NAKNEK 2° MOA
Joins Mc Grath
4500 MSL
13,500 MSL
12,500 MSL
11,500 MSL
9500 MSL
5500 MSL
3500 MSL
14,500 MSL
ILIAMNA LAKE
COOK INLET
KAMISHAK BAY
SHELIKOF STRAIT
KODIAK ISLAND
WOODY ISLAND CONTROL AREA
NEW STUYAHOK
KING SALMON
KENAI
HOMER
KODIAK
PORT LIONS
OUZINKIE
PORT GRAHAM
PORT WILLIAM
PORT ALSWORTH
NEWHALEN
KOLIGANEK
NAKNEK
KAMISHAK
ILIAMNA
FROMING
RONDOLTON
SELDOVIA
JAKALOF BAY
KASILOF
ANCHORAGE
HOMER
KODIAK MUNI
ANN ISLAND
ISLANDS
BECHAROF NATIONAL WILDLIFE REFUGE
LAKE CLARK PASS - RICE
LAKE CLARK NATIONAL PARK
KATMAI NATIONAL PARK
KATMAI NATIONAL MONUMENT
KING SALMON 2
KING SALMON
ANCHORAGE
HOMER
KODIAK MUNI
KENAI
NOTAMs: ALAS SUPPS for CZ 44 hr
NOTAMs: ALAS SUPPS for CZ 48 hr
Avoid flight below 1000 feet over Redoubt Volcano (60°29'N / 152°45'W) from surface through September 15
Avoid flight below 1000 feet over Mount Iliamna (60°02'N / 153°05'W) from surface through September 15 because of a Major concentration of bear and moose in the area during
Kulik Lake
Kukaklek Lake
Becharof Lake
Naknek River
Kvichak River
Alagnak River
Nushagak River
Mulchatna River
Chulitna River
Swanson River
Kasilof River
Kenai River
Kvichak Bay
Nushagak Bay
Bristol Bay
Cook Inlet
Shelikof Strait
Kamishak Bay
Iliamna Lake
Becharof Lake
Naknek Lake
Lake Clark
Redoubt Volcano
Mount Iliamna
Mount Spurr
Mount Augustine
Mount Douglas
Mount Gordon
Mount Katmai
Mount Mageik
Mount Martin
Mount Trident
Mount Griggs
Mount Chisna
Mount Gerstle
Mount Kaiyuh
Mount Veniaminof
Mount Peulik
Mount Chiginagak
Mount Kialagvik
Mount Kaguyak
Mount Denison
Mount Douglas
Mount Gordon
Mount Katmai
Mount Mageik
Mount Martin
Mount Trident
Mount Griggs
Mount Chisna
Mount Gerstle
Mount Kaiyuh
Mount Veniaminof
Mount Peulik
Mount Chiginagak
Mount Kialagvik
Mount Kaguyak
Mount Denison
Mount Douglas
Mount Gordon
Mount Katmai
Mount Mageik
Mount Martin
Mount Trident
Mount Griggs
Mount Chisna
Mount Gerstle
Mount Kaiyuh
Mount Veniaminof
Mount Peulik
Mount Chiginagak
Mount Kialagvik
Mount Kaguyak
Mount Denison


BRISTOL BAY
14,500 MSL
2000 MSL
CONTROL AREA 1234
NORTON SOUND CONTROL
WOODY ISLAND CONTROL AREA
ALASKA PENINSULA NATIONAL WILDLIFE REFUGE
ALEUTIAN ISLANDS NATIONAL WILDLIFE REFUGE
ALASKA MARITIME NATIONAL WILDLIFE REFUGE
PORT HEIDEN SANCTUARY
UNDER RIVER SANCTUARY
PORT HEIDEN
KING SALMON
CHIGNIK
CHIGNIK LAKE
CHIGNIK LAGOON
NELSON LAGOON
COLD BAY
PORT MOLLER AFS
JOHNSONS LANDING
Joins Cold Bay
VORTAC 112.6 COB
PLOTTING DIRECT ROUTE ON NORTH-SOUTH SIDE
Step No. 1
Step No. 2
Step No. 3
CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all telephone, telegraph and power transmission lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.
Entire area of this chart is within the ALASKA standard time +9 (+8 DT) =UTC
KILOMETERS
NAUTICAL MILES
STATUTE MILES
Uncontrolled airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within the Continental Control Area, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.
NOTICE TO USERS OF THIS CHART
You are urgently requested to inform us of corrections and additions that come to your attention while using this chart. Postage-paid Chart Correction cards are available at authorized chart sales agents and at FAA Flight Service Stations. Where delineation of data is required, such information should be indicated clearly and accurately on a current chart (a replacement copy will be returned). Mail to: National Ocean Service, NOAA, N/CG31, 6010 Executive Blvd., Rockville, MD 20852 or call toll-free 800-626-3677
CONTROL TOWER FREQUENCIES ON KODIAK SECTIONAL CHART
Airports which have control towers are indicated on this chart by the letters (T) followed by the primary VHF local control frequency. Selected transmitting frequencies for each control tower are tabulated in the adjoining space. The low or medium transmitting frequency is listed first followed by a VHF local control frequency, and the primary VHF and UHF military frequencies, when these frequencies are available. An asterisk (*) follows the part-time tower frequency remoted to the collocated full-time FSS for use as Airport Advisory Service (AAS) during hours tower is closed. Hours shown are local time. Ground control frequencies listed are the primary ground control frequencies.
Automatic Terminal Information Service (ATIS) frequencies, shown on the face of the chart are normal primary arrival frequencies. ATIS operational hours may differ from control tower operational hours.
ASR and/or PAR indicates Radar Instrument Approach available.
"Mon-Fri" indicates Monday thru Friday.
CONTROL TOWER | OPERATES | TWR FREQ | GND CON | ATIS | ASR/PAR
KING SALMON | 0800-2000 | 118.3* 255.6 | 121.9 | 128.8 | ASR-PAR
KODIAK | 0700-2000 MAR 31-OCT 30 | 119.8* 239.0 | 121.9 | | ASR-PAR
0630-2200 APR 1-SEP 30
SPECIAL USE AIRSPACE ON KODIAK SECTIONAL CHART
Unless otherwise noted altitudes are MSL.
Times are in local time or UTC.
Contact nearest FSS for information.
Active times are broadcast by FSS.
The word "TO" on altitude means "To, not including."
"MON-FRI" indicates Monday thru Friday.
FL - Flight level.
AGL - Above ground level (ground).
U.S. P-PROHIBITED, R-RESTRICTED, A-ALERT, W-WARNING, MOA-MILITARY OPERATIONS AREA
MOA NAME | ALTITUDE OF USE: | TIME OF USE: | CONTROLLING AGENCY:
WARNER 1 | VARIABLE 5000' AGL TO 8000' AGL | INTERMITTENT 0800-1800 MON-FRI | ZAN-CNTR
WARNER 2 | VARIABLE 5000' AGL TO 8000' AGL | INTERMITTENT 0800-1800 MON-FRI | ZAN-CNTR
Unless otherwise noted, outside floor of MOA, ATC/FAA's extend to but do not include FL 180 unless otherwise indicated in table below or on chart.
Time may be H24/MIL (subtract 12)
ZAN-Anchorage
ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF). The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature on each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).
Example: 12,500 feet 12 5
KODIAK


8500 MSL
14,500 MSL
2000 MSL
14,500 MSL
8500 MSL
5500 MSL
14,500 MSL
14,500 MSL
ALASKAN ADIZ
ALASKAN ADIZ
OAKLAND OCEANIC CTA/FIR
WOODY ISLAND CONTROL AREA
WOODY ISLAND CONTROL AREA
CONTROL AREA 1487
KODIAK NATIONAL WILDLIFE REFUGE – Except in the event of emergency, the landing of aircraft is restricted to lakes, streams and other bodies of water on the refuge and adjacent established village airstrips which are available.
ALASKA MARITIME NATIONAL WILDLIFE REFUGE INCLUDES OFFSHORE PUBLIC LANDS ON ISLANDS, ISLETS, ROCKS, REEFS, AND SPIRES AS SPECIFIED IN THE ALASKA NATIONAL INTEREST LANDS CONSERVATION ACT.
FAA air traffic service outside U.S. airspace is provided in accordance with Article 12 and Annex 11 of ICAO Convention. ICAO Convention not applicable to state aircraft but compliance with ICAO standards and practices is encouraged.
Magnetic declination of as much as 14° exists at ground level between Cape Sarichef and the head of Wide Bay
Joins Cold Bay
G U L F O F A L A S K A
KODIAK
SEMIDI ISLANDS
TUGIDAK ISLAND
TRINITY ISLANDS
SEMIDI SUBUNIT ALASKA MARITIME NATIONAL WILDLIFE REFUGE
SHUMAGIN ISLANDS
157°
156°
155°
154°
153°
152°
56°
30′
57°
22°
26°
29°
30°
31°
36°
35°
48°
46°
52°
73°
14°
10°

REGULATIONS REGARDING FLIGHTS OVER CHARTED NATIONAL PARK SERVICE AREAS, U.S. FISH AND WILDLIFE SERVICE AREAS, AND U.S. FOREST SERVICE AREAS.

The landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service or U.S. Forest Service without authorization from the respective agency. Exceptions include: 1) when forced to land due to an emergency beyond the control of the operator, 2) at officially designated landing sites (The landing of aircraft is allowed on lands and waters within the boundaries of National Park Service Areas established by the Alaska National Interest Lands Conservation Act (P.L. 96-487), December 2, 1980. Contact the National Park Service Regional Office in Anchorage at 907-271-2660 for further information), or 3) on approved official business of the Federal Government.

All aircraft are requested to maintain a minimum altitude of 2,000 feet above the surface of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas and Scenic Riverways administered by the National Park Service; National Wildlife Refuges, Big Game Refuges, Game Ranges and Wildlife Ranges administered by the U.S. Fish and Wildlife Service; and Wilderness and Primitive areas administered by the U.S. Forest Service. FAA Advisory Circular (AC) 91-36C, "Visual Flight Rules (VFR) Flight Near Noise-Sensitive Areas," defines the surface as: the highest terrain within 2,000 feet laterally of the route of flight or the upper-most rim of a canyon or valley.

Federal regulations also prohibit airdrops by parachute or other means of persons, cargo, or objects from aircraft on lands administered by the three agencies without authorization from the respective agency. Exceptions include: 1) emergencies involving the safety of human life, or 2) threat of serious property loss.

Boundary of National Park Service areas, U.S. Fish and Wildlife Service areas and U.S. Forest Service Wilderness and Primitive areas.

KENAI NATIONAL MOOSE RANGE – The landing of aircraft on the Kenai National Moose Range, under other than emergency conditions, is prohibited except as authorized in the following designated areas:

North of the Sterling Highway aircraft may land on lakes except Afanasi, Imeri, and those with recreational developments, canoe portages, access trails, etc. Furthermore, the Swan Lake Canoe Route area bounded by the Swanson River Road, Swan Lake Road, and the Moose River, is not a designated aircraft landing area.

South of the north shoreline of the Kenai River and Skilak Lake aircraft may land on lakes and rivers except the following lakes not designated for aircraft operations: Benchland, Cirque, Crater, Emma, Horsetrail, Marmot Lakes, Newman's, Timberline, Trophy and Wolverine.

The landing of aircraft on any road, glacier or snowfield is also prohibited. Hidden Lake is a designated aircraft landing area in season, for the purpose of sport ice fishing only. Bottenintnin Lake is a designated landing area. Additional information: Refuge Manager, Box 500, Kenai, Alaska 99611.